

©1992 DERWENT PUBLICATIONS LTD

<p>92-395199/48 A82 G02 102 (A18) KIKS 91.03.23 KIKUSUI KAGAKU KOGYO KK *JP 04295076-A 91.03.23 91JP-132313 (92.10.20) C04B 38/10, 28/02, C09D 5/18 (C04B 14:02, 22:06, 22:10, 22:12, 22:16, 24:04, 24:26, 24:38, 28/02)</p> <p>Refractory coating compsn. for buildings - comprising hydraulic cement, lightweight inorganic aggregate, endothermic substance, foaming agent and low thickening thickener e.g. PVA, methylcellulose, etc. C92-175509</p>	<p>A(12-R1A) G(2-A5D) L(2-D3)</p> <p>USE/ADVANTAGE - Used for buildings. (8pp Dwg.No.0/0)</p>
<p>A compsn. comprises (by wt.) (1) 15-60 % of hydraulic cement; (2) 5-58 % of a lightweight inorganic aggregate at least one selected from Shirasu balloon, fired vermiculite, glass balloon, pearlite, rhyolitic tuff, and natural pumice, 0.01-1.5 mm in dia. (3) 25-76 % of an endothermic substance, 0.05-10 micron in average dia. which yields an endothermic peak at 50-600 deg.C as observed in differential thermal analysis and which absorbs 800 cal/g or more of heat upon its decomposition; (4) 0.05-3% of a foaming agent having a foaming powder, 20mm or more immediately after mixing and retaining 75% of this power after 5 mins. and (5) 1-10% of a low-thickener having a viscosity as measured with a BM type viscometer on a 2% aq. soln. at 20 deg.C and 300 rpm of 1,000 cps. or lower and selected from methylcellulose, polyvinyl alcohol, hydroxyethylcellulose or guar gum or alginate acid derivs.</p>	

X